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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/597,796

DATE: 08/13/2001

TIME: 09:56:04

Input Set : A:\-90-5.app

Output Set: N:\CRF3\08132001\I597796.raw

ENTERED

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3 <110> APPLICANT: Skeiky, Yasir
4     Reed, Steven
5     Alderson, Mark
6     Corixa Corporation
8 <120> TITLE OF INVENTION: Fusion Proteins of Mycobacterium Tuberculosis
10 <130> FILE REFERENCE: 014058-009050US
12 <140> CURRENT APPLICATION NUMBER: US 09/597,796
13 <141> CURRENT FILING DATE: 2000-06-20
15 <150> PRIOR APPLICATION NUMBER: US 09/056,556
16 <151> PRIOR FILING DATE: 1998-04-07
18 <150> PRIOR APPLICATION NUMBER: US 09/223,040
19 <151> PRIOR FILING DATE: 1998-12-30
21 <150> PRIOR APPLICATION NUMBER: WO PCT/US99/07717
22 <151> PRIOR FILING DATE: 1999-04-07
24 <150> PRIOR APPLICATION NUMBER: US 09/287,849
25 <151> PRIOR FILING DATE: 1999-04-07
27 <150> PRIOR APPLICATION NUMBER: US 60/158,338
28 <151> PRIOR FILING DATE: 1999-10-07
30 <150> PRIOR APPLICATION NUMBER: US 60/158,425
31 <151> PRIOR FILING DATE: 1999-10-07
33 <160> NUMBER OF SEQ ID NOS: 2
35 <170> SOFTWARE: PatentIn Ver. 2.1
37 <210> SEQ ID NO: 1
38 <211> LENGTH: 588
39 <212> TYPE: DNA
40 <213> ORGANISM: Mycobacterium tuberculosis
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46 <221> NAME/KEY: CDS
47 <222> LOCATION: (1)..(588)
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53 1 5 10 15
55 ccc ctc gac ccg tcc gcg atg gtc gcc caa gtg ggg cca cag gtg gtc 96
56 Pro Leu Asp Pro Ser Ala Met Val Ala Gln Val Gly Pro Gln Val Val
57 20 25 30
59 aac atc aac acc aaa ctg ggc tac aac aac gcc gtg ggc gcc ggg acc 144
60 Asn Ile Asn Thr Lys Leu Gly Tyr Asn Asn Ala Val Gly Ala Gly Thr
61 35 40 45
63 ggc atc gtc atc gat ccc aac ggt gtc gtg ctg acc aac aac cac gtg 192
64 Gly Ile Val Ile Asp Pro Asn Gly Val Val Leu Thr Asn Asn His Val
65 50 55 60
67 atc gcg ggc gcc acc gac atc aat gcg ttc agc gtc ggc tcc ggc caa 240
68 Ile Ala Gly Ala Thr Asp Ile Asn Ala Phe Ser Val Gly Ser Gly Gln

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71 acc tac ggc gtc gat gtg gtc ggg tat gac cgc acc cag gat gtc gcg 288
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73          85          90          95
75 gtg ctg cag ctg cgc ggt gcc ggt ggc cta cca tcg gcg gcg atc ggt 336
76 Val Leu Gln Leu Arg Gly Ala Gly Gly Leu Pro Ser Ala Ala Ile Gly
77          100          105          110
79 ggc ggc gtc gcg gtt ggt gag ccc gtc gtc gcg atg ggc aac agc ggt 384
80 Gly Gly Val Ala Val Gly Glu Pro Val Val Ala Met Gly Asn Ser Gly
81          115          120          125
83 ggg cag ggc gga acg ccc cgt gcg gtg cct ggc agg gtg gtc gcg ctc 432
84 Gly Gln Gly Gly Thr Pro Arg Ala Val Pro Gly Arg Val Val Ala Leu
85          130          135          140
87 ggc caa acc gtg cag gcg tcg gat tcg ctg acc ggt gcc gaa gag aca 480
88 Gly Gln Thr Val Gln Ala Ser Asp Ser Leu Thr Gly Ala Glu Glu Thr
89 145          150          155          160
91 ttg aac ggg ttg atc cag ttc gat gcc gcg atc cag ccc ggt gat tcg 528
92 Leu Asn Gly Leu Ile Gln Phe Asp Ala Ala Ile Gln Pro Gly Asp Ser
93          165          170          175
95 ggc ggc ccc gtc gtc aac ggc cta gga cag gtg gtc ggt atg aac acg 576
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106 <212> TYPE: PRT
107 <213> ORGANISM: Mycobacterium tuberculosis
108 <223> OTHER INFORMATION: Ra35, N-terminus of MTB32A (TbRa35FL)
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115 Asn Ile Asn Thr Lys Leu Gly Tyr Asn Asn Ala Val Gly Ala Gly Thr
116 35 40 45
117 Gly Ile Val Ile Asp Pro Asn Gly Val Val Leu Thr Asn Asn His Val
118 50 55 60
119 Ile Ala Gly Ala Thr Asp Ile Asn Ala Phe Ser Val Gly Ser Gly Gln
120 65 70 75 80
121 Thr Tyr Gly Val Asp Val Val Gly Tyr Asp Arg Thr Gln Asp Val Ala
122 85 90 95
123 Val Leu Gln Leu Arg Gly Ala Gly Gly Leu Pro Ser Ala Ala Ile Gly
124 100 105 110
125 Gly Gly Val Ala Val Gly Glu Pro Val Val Ala Met Gly Asn Ser Gly
126 115 120 125
127 Gly Gln Gly Gly Thr Pro Arg Ala Val Pro Gly Arg Val Val Ala Leu
128 130 135 140

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131	Leu	Asn	Gly	Leu	Ile	Gln	Phe	Asp	Ala	Ala	Ile	Gln	Pro	Gly	Asp	Ser
132					165					170					175	
133	Gly	Gly	Pro	Val	Val	Asn	Gly	Leu	Gly	Gln	Val	Val	Gly	Met	Asn	Thr
134				180					185					190		
135	Ala	Ala	Ser													
136				195												

**VERIFICATION SUMMARY**

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